

FIGURE 1: FEEDBACK CONTROL SYSTEM

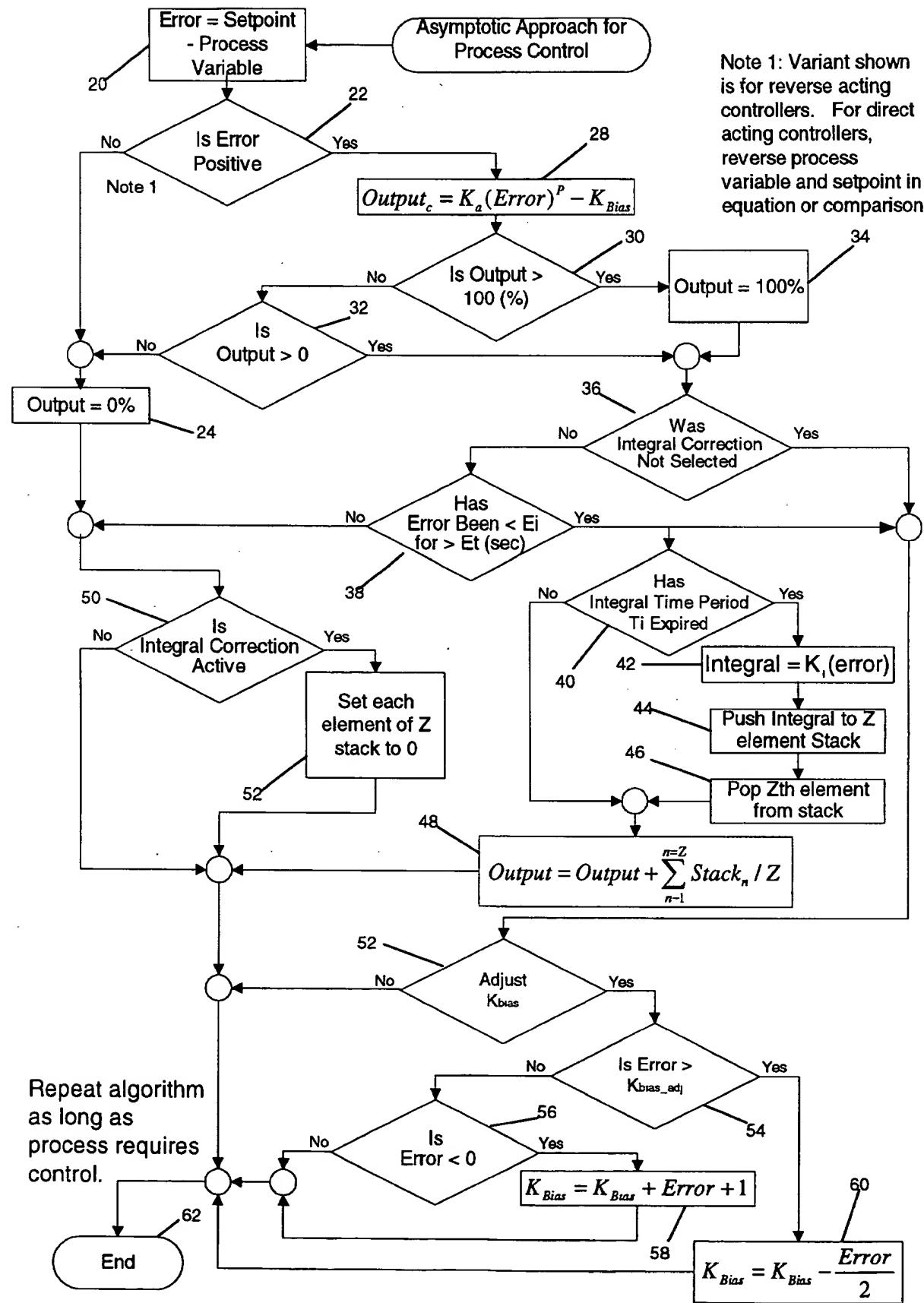


Figure 2: ASYMPTOTIC APPROACH ALGORITHM FLOWCHART

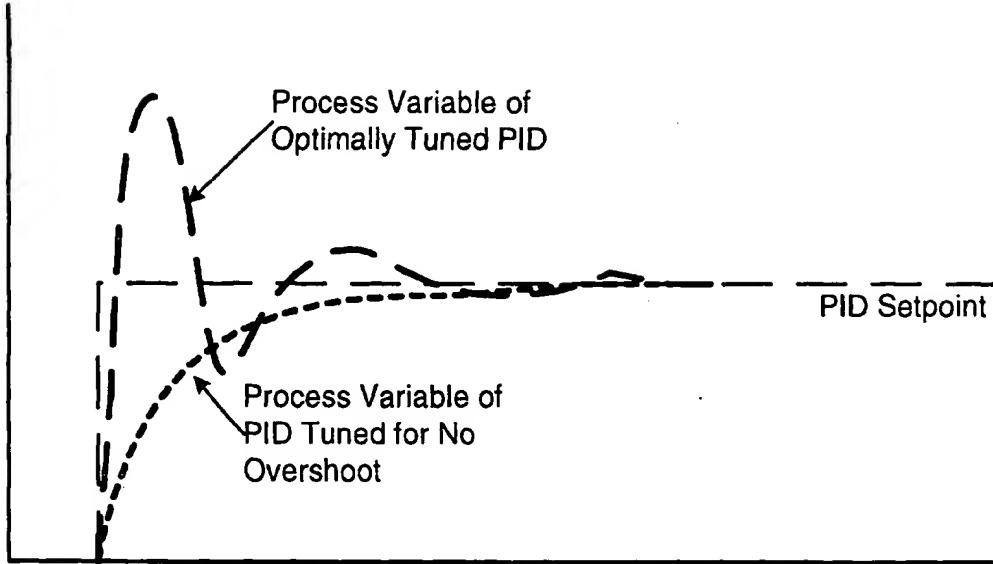
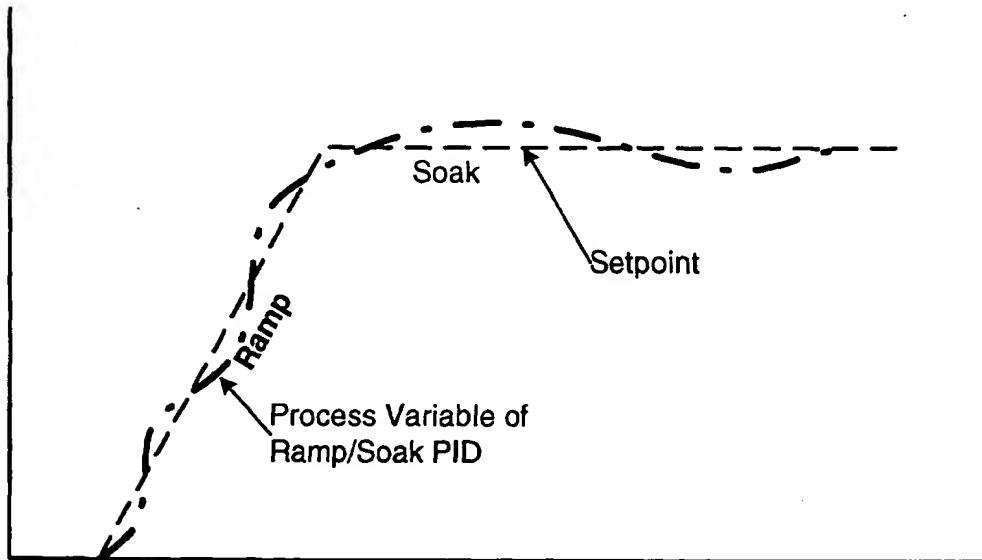
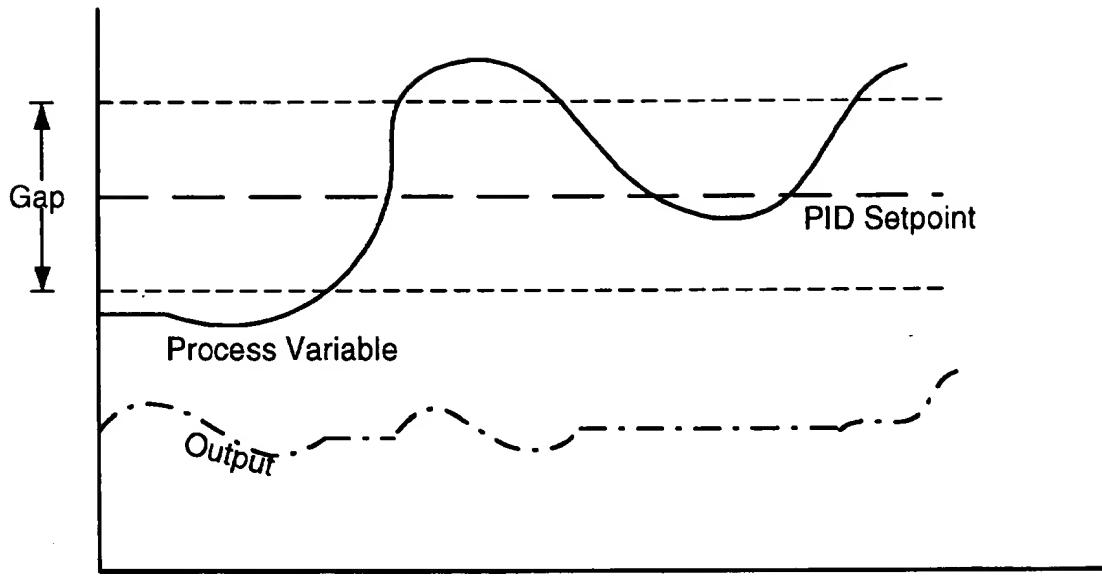


Figure 3: OPTIMALLY TUNED PID CONTROLLER CURVE
Prior Art Reference



**Figure 4: RAMP/SOAK CONTROLLER CURVE
Prior Art Reference**



**Figure 5: PID GAP CONTROLLER CURVE
Prior Art Reference**

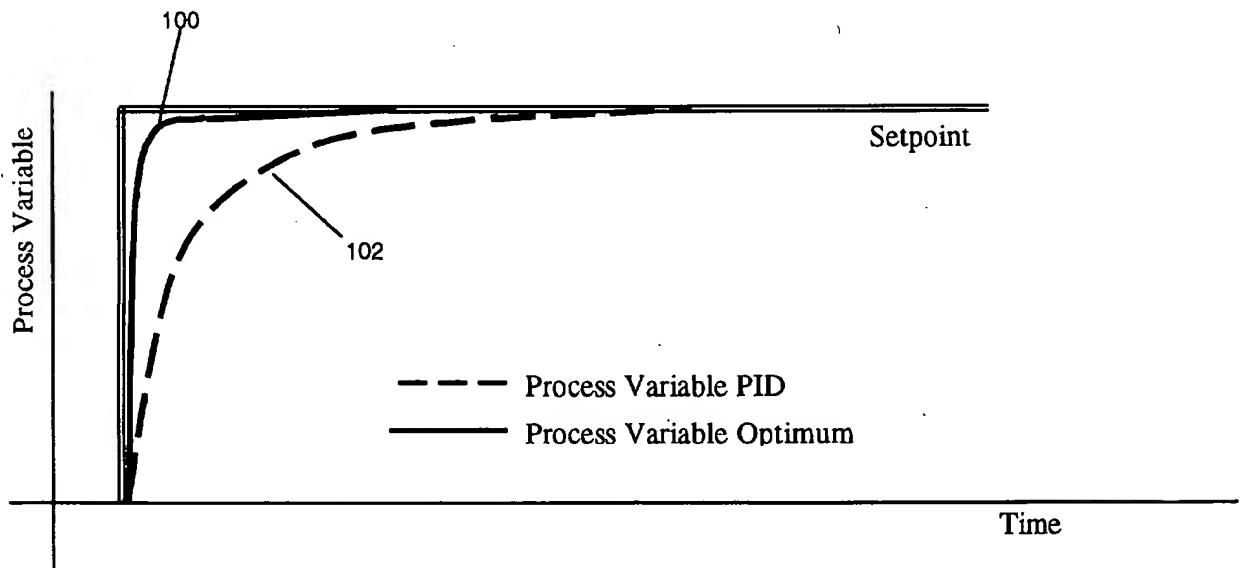


Figure 6: ASYMPTOTIC APPROACH / PID W/O OVERSHOOT CURVES